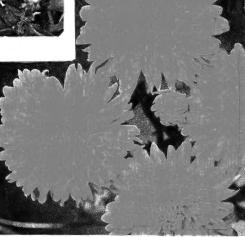




NEW PAPER WHITE. 75c each; 3 for \$2.00



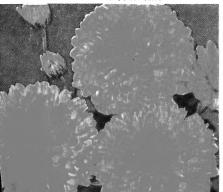


COMPANION. 60c each; 3 for \$1.50



EARLY HARVEST 50c each; 3 for \$1.25

VIOLET 50c each; 3 for \$1.25 DELIGHT. 60c each; 3 for \$1.50





(1 of each pictured)



HOW TO ORDER

We appreciate all orders. No order too large and none too small. Re-mittance may be made by registered mail for cash. Stamps, postal or express money order, and personal check also accepted. When sending check, kindly add 5c for exchange fee.

A 15% SAVING

We prepay the transportation charges on all orders of \$3.00 or more. On smaller orders, kindly add 15% for postage. When you order from us you know exactly what your plants will cost you delivered to your door.

ANOTHER SAVING

Minnesota has no sales tax law. Do not include your state sales tax when remitting to us.

SPECIAL DELIVERY

If you want quick delivery of your plants, we are equipped to give you this service at the following rates:

1 to 4 plants 45c 5 to 24 plants 55c over 25 plants 70c

Just add the amount to your remittance and we will prepay postage and send Special Delivery. An extra plant will be enclosed with each Special Delivery order.

MUMS AS CHRISTMAS GIFTS

Solve your Christmas shopping problems by giving "MUMS FROM MINNESOTA" to friends and rela-tives. It's simplel Avoid the crowds! Just make your selection from this catalog at home and mail it to us. That's all you have to do. We will send your friends a gift card at Christmas-time giving the names of the plants you have chosen to be sent at spring-planting time. The Mums will be sent out postpaid in the spring, all ready to start growing in their all ready to start growing in the spring, all ready our thoughtfulness in choosing "MUMS FROM MINNE-SOTA" for their Christmas gift.

FREE PLANTS

In the past we have always ceived much pleasure from including additional plants of some of the better additional plants of some of the better varieties as gift or gratis plants. We hope to continue this custom. The number of gift plants will be deter-mined by the size of the order. When-ever we order plants from a nursery, we are always thrilled to receive something we didn't expect. We hope our choices will please you. The Golden Rule will be applied here.

SUBSTITUTIONS

This year we are growing nearly a million sure-to-bloom Mums. We know this will not be enough to supply all our customers. If we cannot supply the variety ordered, may we sub-stitute a variety of equal or greater value of a similar color and season of bloom?

ORDER BLANK

Mums from Minnesota

THE LEHMAN GARDENS

America's Largest Grower of Garden Chrysanthemums

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KINDLY ADD 5c EXCHANGE ON CHECK By enclosing Special Delivery fee you get a 50c plant free

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Sensational Bargains

5 AUGUST MUMS \$2.50

All sure-to-bloom in August

Dainty. Lavender. Dark Red Gold. Red. Dr. L. E. Longley. Pink. Early Gold. Yellow. Violet. Purple.

5 EARLY SEPT. MUMS \$2.65

All sure-to-bloom in Sept.

Autumn Beauty. Bronze. Chippewa. Purple. Delight. Yellow. Lipstick. Red. Wenonah. Pink.

5 LATE SEPT. MUMS \$2.75

....

All sure-to-bloom in Sept.

Lee Powell, Yellow. Malinda Brown, Lavender, Patricia Lehman, Salmon, Purple Waters, Purple, White Cloud, White,

5 OCTOBER MUMS \$2.90

All sure-to-bloom in October

Butterscotch. Bronze. Charles Nye. Yellow. Indian Red. Red. Lady's Choice. Flesh. White Sail. White.

> 20 ORDER BLANK COLLECTION (1 of each listed above)

> > \$9.00 Postpaid

DAISYMUM TY NEW PAPER WHITE STATE AND	LEH MAAN KATHLIEN LEH MAAN
EARLY GOLD THE MENT CONTRACT OF THE STATE OF THE STATE STATE	* Jantor

Foundation planting at the home of Mr. and Mrs. Walter Burkhartzmeyer, Faribault, Minn.

Foundation Planting Mum Collection

16 PLANTS (one of each pictured) ... \$7.50
48 PLANTS (three of each pictured). \$20.00

"Princess Kay of the Milky Way." The Minnesota Dairy Princess



Mums from Minnesota

The Home of Better-Grown and Sure-to-Bloom Mums

WE SPECIALIZE. We grow only Garden Mums and we grow them well. Our very modern establishment is located in southern Minnesota and has been built especially for the growing of better Garden Mums.

Dependable blooming dates, descriptions and growth data are recorded each year from actual observations in our own test gardens. This enables us to offer only the newest and most dependable varieties.

You can be sure of better-grown, better-packed and sure-to-bloom Mums when you order from us. Plants will be ready and available from February 15 to June 15.

D., Double; SD., Semi-double; S., Single; Sp., Spoon

Name and Description	Height in Inches	Blooming Date	Pri Each	ce Per 3	Name and Description In Inches	Blooming Date	Pr Each	Per
Admiral. D. Pictured p. 19. Rich dark red that is glorious for cutting or display.	garden 30	Oct. 5	\$0.75	\$2.00	Blanche Litwiller. D. (Kraus.) This in- curved lavender-pink pompon is excellent for cutting and floral work. Three or four 2½- inch flowers are borne on long stems and be-			
Admiration. D. (Bristol.) Pictured Large flowers in a medley of gleaming and bronzy salmon	peach	Sept. 24	.75	2.00	come ball shaped when fully open	Sept. 23	\$0.75	\$2.0
dorable. D. (Lehman.) Pictured p This new pink has everything: large early and dependable bloom, gorgeou and breathtaking beauty. Color clear rose-pink with salmon reverse	flower, is color bright	Sept. 15	.75	2.00	Bronze Giant. D. (Lehman.) Pictured on cover and p. 10. Imposing flower of bright intense bronze in decorative form. Five-inch blooms produced in quantities on perfect up- right stems, ideal for cutting	Sept. 22	.75	2.0
Adorable Spoon. D. (Lehman.) Net A sport of Adorable and an exact dupl that variety except for the petal for Flowers are large, deep rose-pink, wi quilled petals and short spoons	w 1959! licate of mation. ith long		.75	2.00	Bronze Pat. D. (Muller.) Bud sport of Patri- cia Lehman. As beautiful a bronze as Pat is a pink	Sept. 28	.75	2.0
Albaflora. D. (Lehman #1186.) Nev A finished flower with heavy, velvety and snow-white blooms in abundance one has excellent garden value becaus sturdy growth, heavy-textured flow	w 1959! texture e. This se of its			2100	Giant blooms of golden vellow, often 5 inches across. Early flowers golden yellow, later tak- ing on bronze tints. Perfect bush habit. Magnificent!	Sept. 26	.75	2.0
 Alert, D. (Becker.) Large, early, darl with a silvery cast. Very fine 	24 k purple		.75	2.00 1.50	Candleglow. D. (Lehman #1183.) New 1959! Tall, clean-cut crisp creamy white pompons in abundance. Because of the beautiful growth habit, the plant itself is an ornament in the			
Amethyst Cushion. D. (Bristol.) Sp pompons of glowing amethyst-purple. west favorite.	parkling A Mid-		.60	1.50	garden		.75	2.
Ann Ladygo. D. (Kraus.) An ar flowered cushion of light camellia-ro 2½-inch bloom with 1¼-inch, raised A delicate beauty	center. 16 9, 11.	Oct. 5	.75	2.00	cellent plant with lusty green foliage		.75 1.00	2.
with golden overcast. Quilled petals tough, weather-resistant flowers, 4 to in diameter. In bloom from mid-Septe November.	s. Very 5 inches ember to	Sept. 15	.75	2.00	Charles Nye. D. (Kraus.) Pictured p. 11, 19. Large, 3-inch, fully double, rounded flowers of buttercup-yellow. Excellent. The standard by which all other yellows are judged28	Sept. 28	.50	1.
Apricot Glow. D. (Bristol.) Pictured Rich bright apricot-orange. A s flowering cushion type	ummer- 17	Sept. 11	.60	1.50	Chippewa. D. (Longley.) Pictured p. 27. Gorgeous, bright aster-purple, slightly in- curved. Does well in the North	Sept. 4	.50	1.
Apricot Spoon. Sp. (Lehman.) A ple different spoon of light apricot-ros tremely free flowering		Oct. 5	.60	1.50	Chris Columbus. D. (Rosebud.) Pictured on cover. A most outstanding ivory-white. Luxuriant growth; unexcelled for cutting26	Sept. 28	.60	1.
Artist's Delight. D. (Bristol.) Ta elegant, pastel coral-geranium-pink. 3-inch bloom. Unearthly beauty; tidy	Lovely habit24	Sept. 27	.75	2.00	Companion. D. (Lehman.) Pictured on cover and p. 2. Reliable early-blooming, fully double golden bronze. A grand companion to			
Autumn Beauty. D. (Wallie's Gdns tured on cover, p. 12, 27. A brillian ling reddish chestnut. The best early b	s.) Pic- t spark- ronze15	Sept. 4	.50	1.25	the darker Early Kathleen. Excellent long stems for cutting	Sept. 15	.60	1.
Avalanche. D. (Dreer.) Pictured p. Large, shaggy white with cream center one's favorite. Good for cutting	. Every-	Sept. 4	.50	1.25	red, large double flowers. A truly magnificent plant	Sept. 28	.60	1.
Beacon. D. (Lehman.) Full, double, flower of coral-apricot shading to nasturtium-orange at center. Tall, plant for cutting	flaming sturdy	Oct 8	.60	1.50	red flower with a brilliant sheen. Strong, sturdy, free-blooming through October27 Crowning Glory. D. (Lehman.) Magnificent	Oct. 1	.60	1.
Betty. SD. (C-P.) Pictured p. 19. S	Splendid nagenta.		.50	1.25	new flower of Spanish-orange overcast with coral, darker at center. Strong, upright plant. Could be described as a glorified Beacon that blooms two weeks earlier	Sent 25	.75	2.
One of the finest pinks Biretta. D. (Kraus.) Glowing soft c red. Tall, upright plant in bloom last	ardinal- week in				Crystal. D. (Lehman #1137.) New 1959! A new wide-petaled, pure white pompon that is			
September through October		Sept. 23	.60	1.50	outstanding for cutting. Long, straight stems .28	Sept. 27	.75	2.

D., Double; SD., Semi-double; S., Single; Sp., Spoon

Name and Description Height in Inche	Blooming S Date	P Each	rice Per 3	Name and Description Heig in Inc.	ht Blooming nes Date	Pr Each	Per 3
Cydonia. D. Pictured p. 11. Brilliant orange- chestnut overlaid with mahogany. Everyone likes it	Oct. 8		\$1.25	Gammy. D. (Lehman.) An extremely prolific, deep rosy lavender pompon. Flowers com- pletely double, with very fine substance and beautiful color	4 Sept. 20	\$0.75	\$2.06
Dainty. D. (Lehman.) A beautiful blend of light lavender-lilac aging to soft white with silvery cast. Very early	Aug. 27	.60	1.50	Garden Queen. D. An old standby in apricot- bronze. Extremely early flowering and very winter-hardy		.60	1.50
Daisymum. S. (Lehman.) Pictured on cover and p. 10, 18. The newest and best single in existence. Flower opens beautiful ivory, changing to pure alabaster-white, with three to four rows of wide flat petals with rounded ends. Pure gold center. Tall, base-branched plants give glorious cutting stems	6 . .			Garnet Spoon. Sp. (Lehman.) Pictured p. 16. Tall, upright, wine-red spoons with purple tubes and a domed yellow center		.60	1.50
Dandy. D. (Lehman #1082.) New 1959! A profusion of 3-inch, coppery bronze flowers that resemble small incurred football Murray	Sept. 22	.75	2.00	 Bower 3½ inches in diameter. Excellent plant with abundant base branches for cutting	5 Sept. 12	.60	1.50
Rather short but extremely strong growth. A dandyl	Sept. 16	.75	2.00	bloom	Aug. 28	.50	1.25
perfect flower of golden yellow. Excellent plant and foliage. We consider this the best early yellow	Sept. 7	.60	1.50	Gleam. D. (Lehman #1231.) New 1959! Masses of small (1½-inch), pure golden yel- low pompons on trim plants from mid-Sep- tember to frost	Sept. 15	.75	2.00
Dr. L. E. Longley. D. (U. of Minn.) Earliest fully double, bright rosy lavender. Usually the very first Mum in our collection to bloom20	Aug. 20	.60	1.50	Gold Button. D. (Kraus.) Pictured p. 13. A complete mass of golden yellow with bril- liant Spanish-orange eyes pot. 1¼-inch button pompon flower, completely double	Sept. 10	.75	2.00
Carly Crimson. D. (Lehman.) Pictured p. 10, 13. Brilliant sparkling jewel-like, pompon flowers of bright crimson, on stiff, upright plants. Very hardy	Sept. 14	.60	1.50	Gold Daisy. S. (Lehman.) Our best gold single to date. Opens gold to canary-yellow, with big dome-shaped golden center. Three- inch flowers on 20-inch cutting stems	Sept. 17	.75	2.00
Carly Gold. D. (Lehman.) Pictured on cover and p. 27. Very early! Bright golden yellow pompon with dark foliage. Excellent for pots or borders	Sept. 4	.50	1.25	Gold Spoon. D. (Lehman.) Pictured p. 16. Large flower of gold shading to aureolin-yellow on a dwarf plant. Tube longer than spoon and always about the same color	Oct. 1	.60	1.50
arly Harvest. D. (Kraus.) Pictured p. 2. A mass of charming mahogany-orange flowers for two months. Superior to all popular cushion varieties		.50	1.25	Golden Fantasy. D. (U. of Minn.) The ulti- mate in carnation-flowered Mums. Petals are tubular, three-pronged and forked. Clean, dark green foliage and strong, upright growth enhance the bright gold flower. A must for all Mum gardens. Completely different			
arly Kathleen. D. (Lehman.) An early coppery bronze. A dead ringer in both color and form for the popular Kathleen Lehman, but two to three weeks earlier. Wonderful for cutting	Sept. 12	.60	1.50	Golden Mound. D. (Lehman.) Pictured p. 12. Excellent golden yellow cushion. Numerous 2-inch flowers on short, dark green branches 18		.75	2.00 1.25
arly Lavender. D. (Kraus.) A delicate- toned, early-flowering, pure pearly lavender with slightly deeper center. Free flowering and vigorous cushion	Sept. 20	.60	1.50	Granny Lehman. D. (Lehman.) Sparkling, heavy-textured, pure white with striking petal arrangement. Loose branching plant produces long cutting stems with six gorgeous flowers. Excellent for arrangements and does not turn layender with area			
arly White. D. (Lehman.) Extra-early, clean cream-white. Wide petals and fine tex- ture with clear coloring make this our best early white	Aug. 28	.60	1.50	not turn lavender with age		.75	2.00
dna Rowley. D. (Kraus.) Over 500 lavender- pink, ruby-centered pompon flowers cover this mound-shaped plant. Excellent for cut flowers and floral arrangements. Edna Rowley is defi- nitely the most prolific-blooming Mum we				Hilite. D. (Lehman.) Pictured on cover and p. 10. Fine large, dahlia-like flared yellow. Strong clean plant with beautiful dome- shaped individual flowers		.60 .75	 1.50 2.00
rmine. D. (Kraus.) Pictured p. 11. Wide- petaled pure white with cream center. Tall, sturdy plant and vigorous grower. Excellent	Sept. 26	.75	2.00	Holiday. D. (Kraus.) Pictured p. 9. Strong plant supporting an abundance of bronze- gold flowers with pure bronze center. Large flower, excellent when cut	Sept. 27	.60	1.50
when cut	Sept. 22	.60	1.50	Honeycomb. D. Pictured p. 13. Formal golden yellow pompon	Sept. 28	.75	2.00
tailored with closely imbricated petals26	Sept. 26	.75	2.00	Indian Red. D. (Lehman.) Pictured p. 11. Large, Indian-rust-colored Mum. Petals radi- ate from a unique center swirl which gives bold flower distinctive charm	Oct. 3	.75	2.00
irbow. D. (Kraus.) Heavy-blooming laven- der-pink pompon. Splendid upright growth makes it a good cut flower	Sept. 10	.60	1.50	Jessamine Williams. Sp. (Kraus.) Beauti- fully quilled white spoon, early and very free flowering			1.50
otball Bronze. D. (Lehman.) Pictured p. 19. An extremely early, large-flowering, in- urved bronze. Very tall, strong, upright blant	Sept. 22	.60	1.50	Jeweltone. D. (Kraus.) Pictured p. 13. Sparkling bright rose-pink pompon. Excellent for pots or short-stemmed cuts. Really a			
ed Stone. D. (Kraus.) Large, very dark oright red. Brilliant color. Extra large and good disbudded		.00	1.50	jewel	Sept. 25	.60	1.50

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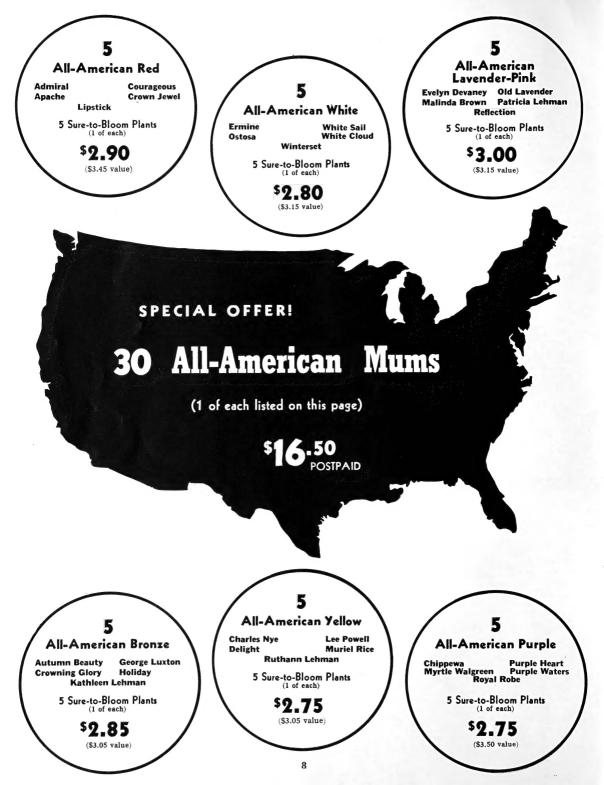
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D., Double; SD., Semi-double; S., Single; Sp., Spoon

Name and Description	Height in Inches	Blooming Date	Pri Each	Per 3	Name and Description in In	ches Date	ng F Each	Per 3
John Furst. D. (Kraus.) A typ in Mums. Fully double, brilli- orange. Wonderful strong plant flowers	ant glistening and beautiful	Oct. 1	\$0.75	\$2.00	Masquerade. D. (Bristol.) Pictured p. 13. glistening mass of silvery lavender and ro pompons. Trim, neat, compact plant. Flowe completely smother the plant	se rs	\$0.75	\$2.00
John Milbrath. D. (Kraus.) Gli yellow, 3-inch pompon. Finely making a firm, long-lasting b early yellow cut flower	istening bright y knit petals, loom. Finest		.75	2.00	Minnehaha. D. (U. of Minn.) Delight salmon-rose flowers completely cover t mound-like plants in early fall	20 Sept.	9.75	2.00
Joyous. D. (Bristol.) Pictured p rose blooms with a golden has cover the mound-like plants	p. 11. Salmon- ze completely	Sept. 26	.75	2.00	cover and p. 28. The most gorgeous color all the compact, early cushion varieti Thousands of clear, clean rose-pink flowe completely hide the mound-like plant	of s. rs	20.75	2.00
Jubilee. D. (Bristol.) Picture Opens crimson, mellowing to a c Plant all aglow for weeks	deep clear red.	Oct. 1	.60	1.50	Mojave Gold. D. (Kraus.) Pictured p. Immense, disk-like flowers of sparkling gold- bronze. Huge blooms. An exhibitor's favorit	9. en		2.00
Judy. D. (Kraus.) Tight, uprig compact, ball-shaped pompo white aging to lavender, with	white center.	Sant 27	.75	2.00	Mt. Hood. D. (Kraus.) Exquisite, tight knit, aster-like pure white with green cast center.	ly in		2.00
Very tidy plant Julie B. D. (Lehman.) Pictur wonderful white button pon slight cream center when fresh b pletely white and ball shaped, when fully open. Upright cu Good for cutting	red p. 18. A npon. Shows out turns com- with no eye, shion growth.		.75	2.00	Muriel Rice. D. (Lehman.) Pictured p. Fully double, 4-inch flowers of light primros yellow aging to deep cream early in the seaso Later it picks up a lavender tint much li Peace rose. Another American variety sho- ing the large flower influence of English bloc Extremely thrifty	e- n. ke v- d.	25 .75	2.00
Kathleen Lehman. D. (Kraus. cover. Brightest orange-gold, red-gold at center. Exciting brow	deepening to nze shades28	Sept. 28	.60	1.50	Myrtle Walgreen. D. (Kraus.) Rich an aranth-purple underlaid with silvery lila aging to clean, clear mallow-purple. Exceller	n- c, it.26 Sept. 1		1.50
King's Ransom. D. (Bristol. majestic plant with 3-inch, g excellent for cutting	olden flowers, 28	Oct. 1	.90	2.25	Nanook. D. (Kraus.) A dwarf, compa mound completely smothered by white flowe with cream centers	rs	14 .60	1.50
Lady's Choice. D. (Lehman.) I A large pastel, which could be pink-ivory. A fully double, 4-in magnificent plant. Fine for array	ich flower on a	Sept. 26	.75	2.00	New Drifted Snow. D. (Lehman.) Heav textured, 3-inch, white blooms for nearly tr months. Very clean plant with spreadin growth and drifting appearance	ng	10 .60	1.50
Lavender Button. D. (Lehman cover, Another of the wonderf introductions. Lavender-blue p with darker center. Good, free similar in flower to Masquerad tall.	.) Pictured on ul new button pompon flower blooming and le. Plant very		.75	2.00	New Martin's White. D. (Lehman.) larger, more vigorous plant and flower th Martin's White. Absolutely pure white, wice petaled, 4-inch flowers with light green folia on cushion plant. In bloom for two months.	ge 20 Sept.	20 .7	5 2.0
Lee Powell. D. (Kraus.) Pictu Masses of fluffy Chinese-yellow slight orange tinge at center. M large greenhouse varieties. Tall	nred p. 11, 19. flowers with a Very similar to		.60	1.50	New Paper White. D. (Lehman.) Pictured cover and p. 2. Improved plant and flow of old Paper White. Wide, glistening, pur white flowers completely cover the plan Extra vigorous growth.	est nt.	6.7	5 2.0
Lemon Drop. D. (Lehman.) A pompon with a slight green over from the center. Extra fine foli	yellow button rtone radiating age and habit.				Nina Rebmen. D. (Kraus.) Bright dark re 3-inch flower on fine plant. Does not fac Rich color.	d, le.		
Very hardy Limelight. D. (Floralane.) Li low pompon. Very vigorous g	vely light yel- rower. Early;		.60	1.50	Nobility. D. (Lehman #1044.) New 199 Velvety-textured, deep dark red flowers strong branched plants. Excellent dark gre	on en		
good for cutting Lipstick. D. (Grand Mere.) Pic A grand, bright mound of spar	tured on cover. kling crimson-	Sept. 20	.60	1.50	foliage Nye's Favorite. D. Masses of lavender-pi flowers with golden shadings	nk		
red flowers on compact plants. Loveliness Spoon. D. (Lehman 16. A superb, fully double, spoon. Unique			.75	2.00	Old Lavender. D. (Lehman.) Pictured p. 1 Massive, pure lavender self flowers on stron sturdy stems.	g,	30.60) 1.5
Luxton's Red. D. (Lehman.) A sport of George Luxton, with	A dark red bud all the other		.60	1.50	Orchid Helen. D. (Becker.) Pictured p. 1 12. Sturdy, orchid-pink flowers of unusu beauty. Very strong, healthy.	al	10 .60) 1.50
good qualities of its parent Magenta Spoon. D. (Lehman. 16. Lively magenta-rose spoon		Sept. 12	.75	2.00	Orsona. D. (DePetris.) Red-bronze decorative Bushy cushion growth habit	24 Sept.	25 .60) 1.5
fusion. Mahogany Cushion. D. (Lehr petals of jasper-red shading	nan.) Twisted to mahogany.		.60	1.50	Patricia Lehman. D. (Kraus.) Pictured p. Sparkling geranium-pink with peach cent Recurved and twisted petals give a fluff feathery effect. Strong growth, good for c	y, ut		
Large cushion plant. Malinda Brown. D. (Kraus.) A magnificent clear self lavende ers globular, mounded at strongly incurved and twisted and healthy.	Pictured p. 11. er-pink. Flow- center; petals . Very strong	Sept. 28 Sept. 27	.60 .60	1.50 1.50	flowers . Pink Quill. A large, full-centered spide quill. Outer petals flesh to shell-pink, shadi to salmon-pink in center. A gorgeous n thing.	24 Sept. ry ng ew 24 Sept.		
Marie Hartman. D. (Kraus.) yellow flower, 4 inches in diame ers cover old bloom to give fre for a full month	Large, canary- ter. New flow- esh appearance		.75		Pink Spoon Cushion. D. (Fleming.) N. 1959): Outstandingly free flowering in o trials here and a good addition to any colle- tion. Masses of orchid-pink, semi-quill spoon flowers cover the plants for seve	ec- ed ral		
Martin's Yellow. D. Pictured estimation the very finest early, light yellow in existence. Flow fluffy and exquisite light yellow	p. 12. In our large-flowered ers very large.		.60		months. Polaris. S. A golden yellow daisy with t rows of wide, stiff petals and large yello center.	20 Sept. wo ow		
fluffy and exquisite light yellow Mary Harrison. SD. (Kraus.) I aster-purple, lightening to Semi-double. Excellent for cutt	Bright, glowing		.60		Polar Ice. D. (Kraus.) Clear ice-white, doub 3-inch flowers. Very free flowering. One the earliest.	le, of		

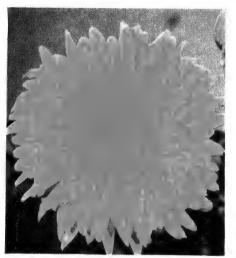
D., Double; SD., Semi-double; S., Single; Sp., Spoon

Name and Description	Height in Inches	Blooming Date	Each	Per 3	Name and Description Height in Inches	Blooming Date	Pr Each	Per 3
Prairle Moon. D. (U. of Minn.) A white, large, double-flowered variet prolific-blooming, willowy plant hi foliage and presents a neat app throughout the season	y. The as clean	Sept. 16	\$1.00	\$2.50	Ruthann Lehman. D. (Kraus.) Pictured on cover and p. 17. Immense, canary-yellow flower. Excellent plant and growth habit. Long stems make it a fine cut-flower variety .24			
Prairie Sunshine. D. (U. of Nebr. 3 to 4-inch flowers of brilliant pure cover the healthy plants from early until freezing. Three full months of A greet new Marce States of the second) Large,			•	 Ruth Scott. D. (Kraus.) Fine reflexed, incurved golden bronze, 4½-inch flower24 Spellbound. D. Husky, decorative plant with 	Sept. 28	.75	2.00
Primace D (II Chill) Di		Sept. 4	.75	2.00	towers of delicate pink	Oct. 1	.75	2.00
Extremely early flowering, split-per carnation-flowered Mum. Color deep with gold tipping. In good bloom months	taled or old-rose for two	Aug 23	.75	2.00	 inch bloom, silvery vermilion to old-rose and raspberry-cerise. A glowing novelty	Sept. 28	.75	2.00
Princess Kay. D. (Lehman.) This is double, broad-petaled, heavy-texture of alabaster-white, showing no yellow Produces 3½-inch terminal flowers, w 10 blooms on lateral branches. As the	a fully d flower center. with 8 to equiting				 Rigid, upright plant. Very clean		.75	2.00
as the lovely girl it is named for Purple Cushion. SD. Glorious mounds o purple flowers that completely smo compact plants with color	fpeony-		.75	2.00	and fine for garden decoration		.60 .60	1.50 1.50
Purple Dusk. D. Attractive, clea purple flowers on short, upright plant free flowering	n light s. Very 22		.60	1.50	Theresa Stone. D. (Kraus.) A glorious creamy white pompon with a drifting sheen of primrose and ivory. Very perky		.60	1.50
Purple Heart. D. (Lehman.) Semi petals of grapejuice-purple with a reflex. This flower ages well and is a b color when several weeks old	eautiful	Sept. 28	.75	2.00	Tonka. D. (U. of Minn.) A large-flowered, fully double, deep yellow variety. The flowers and clean, rich green foliage are borne on stiff stems	Sept. 10	1.00	2.50
Purple Spoon. Sp. (Lehman.) The earliest good-flowered spoon in our en lection. Both tubes and spoons soft p	tire col- urple22	Sept. 20	.75	2.00	Violet. D. (Longley.) Pictured p. 2. The best very early purple. Full, dahlia-like bloom with good color and substance		.50	1.25
Purple Waters. D. (Lehman.) Picture. The best early deep purple in our col Double, 3-inch flowers completely smo 2-foot plant. If you like purple Mur will please you	llection. ther the ns. this	Sept. 17	.75	2.00	Vulcan. D. (U. of Minn.) Pictured p. 27. Deep crimson flowers with a rusty sheen on low, compact plants. This is our best very early red to date		.60	1.50
Raggedy Ann. D. Pictured on cover. esting snow-white split-petaled or can flowered variety that is outstanding garden. Compact, cushion-like growt pletely covered with flowers for two mo	nation- in the	Sept. 25	.75	2.00	Wanda. D. (U. of Minn.) Three-inch flowers of raspberry-red aging to carmine-rose cover the mound-like plants from early August to killing frost	Aug. 14	.60	1.50
Red Elf. SD. (Lehman.) Dwarf, clean, red pompons on tiny plants not over 12 tall	, bright inches	Sept. 9	.60	1.50	Wenonah. D. (U. of Minn.) Pictured p. 27. Wonderfully free and early-flowering, pure soft lavender-pink pompon. One of the very first to bloom	Aug. 24	.60	1.50
Redglow. D. (Kraus.) Pictured p. 13 glowing red pompon flowers in abun Courageous-type plant. Excellent habi	idance.	Sept. 20	.60	1.50	White Cloud. D. (U. of Nebr.) Large, feath- ery, pure white. Strong plant. We consider this the most satisfactory of all white Mume			
ted Torch. S. (Lehman.) Bright sing A replacement for Louise Schling. A but frost-hardy. A mass of striking colo	bit late r 30	Oct. 5	.60	1.50	for garden planting		.60	1.50
Reflection. D. (Lehman.) An extreme flowering, deep rosy lavender. Com covers itself with bloom. Replaces Cecil Remembrance. D. (Krause.) A deep	pletely Beed . 24	Sept. 26	.60	1.50	White Sail. D. (Lehman.) The best midseason white. Very heavy-textured flowers are white with slight cream center. Clean, vigorous	0.00	.75	2.00
carmine color that is retained for the the flower. One of the very best reds. hardy	life of Frost-	Sept. 27	.60	1.50	growth, branching from ground, makes ex- cellent cutting material	Sept. 23	.75	2.00
everence. D. (Kraus.) Extremely light chamois-yellow. Gives early ind flowers on 6 to 8-inch stems	ividual	Sept. 3	.60	1.50	growing, large snow-white. A timely cuting and garden Mum	Oct. 2	.60	1.50
ouge Cushion. D. (Lehman.) Pictu 2. A far superior red cushion. Inter flowers show a small bright yellow cente mature	ise red r when	Sept. 20	.60	1.50	 popular white Avalanche. Unexcelled for cutting and unsurpassed in beauty	Sept. 4	.50	1.25
oyal Robe. D. (Kraus.) Beetroot- flower with a bluish sheen reflecting fro center. A very good all-round variety.	purple om the Color				Yellow Ermine, D. A bud sport of Frmine	Sept. 15	.60	1.50
superb uby Breithaupt. D. (Kraus.) Large, domed, shaggy flowers of pleasing ligh	27 5-inch, t prim-	Sept. 25	.75	2.00	Glorious, fluffy, light chrome-yellow flowers in abundance on long stems	Oct. 1	.60	1.50
rose-yellow. Excellent as a disbud uby Spoon. D. (Lehman.) Pictured Large, bold, firm, spoon-type flower of	р. 16.	Oct. 1	.75	2.00	all the excellent qualities of its parent plus a bright gold color	Sept. 25	.75	2.00
ruby-red		Sept. 27	.75	2.00	Yellow Spoon. Sp. Pictured p. 11, 16. Bright clear golden yellow tubes and spoons22	Oct. 8	.60	1.50





MURIEL RICE. 75c each; 3 for \$2.00



HOLIDAY. 60c each; 3 for \$1.50

MOJAVE GOLD. 75c each; 3 for \$2.00



BUTTERSCOTCH. 75c each; 3 for \$2.00



APACHE. 75c each; 3 for \$2.00





PATRICIA LEHMAN. 60c each; 3 for \$1.50

6

BIG FLOWER COLLECTION

All have very large flowers for garden Mums and all are early blooming. Flowers up to 5 inches if disbudded. 6 Sure-to-Bloom Plants \$3,90 (1 of each pictured)



HILITE (Yellow). 75c each; 3 for \$2.00 EARLY CRIMSON (Red). 60c each; 3 for \$1.50



PURPLE WATERS. 75c each; 3 for \$2.00



DAISYMUM. 75c each; 3 for \$2.00



BRONZE GIANT. 75c each; 3 for \$2.00





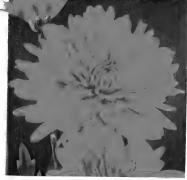
CHARLES NYE. 50c each; 3 for \$1.25



ORCHID HELEN. 60c each; 3 for \$1.50



INDIAN RED. 75c each; 3 for \$2.00



CYDONIA. 50c each; 3 for \$1.25



ERMINE. 60c each; 3 for \$1.50



APRICOT GLOW. 60c each; 3 for \$1.50

APACHE 75c each; 3 for \$2.00



JOYOUS. 75c each; 3 for \$2.00



LEE POWELL. 60c each; 3 for \$1.50

r.

DOZEN MUM COLLECTION

A grand assortment of all colors, types and blooming seasons that will give one a complete Mum garden.

12 Sure-to-Bloom Plants (one of each pictured) plus 1 Butterscotch (see page 15)

12 Plants for \$5.25 A SENSATIONAL BARGAIN!

MALINDA BROWN 60c each; 3 for \$1.50



YELLOW SPOON. 60c each; 3 for \$1.50

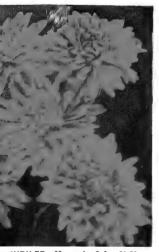
11





GLADNESS. 50c each; 3 for \$1.25

AUTUMN BEAUTY. 50c each; 3 for \$1.25



JUBILEE. 60c each; 3 for \$1.50 AVALANCHE. 50c each; 3 for \$1.25





ORCHID HELEN. 60c each; 3 for \$1.50

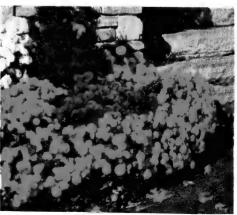


MARTIN'S YELLOW. 60c each; 3 for \$1,50

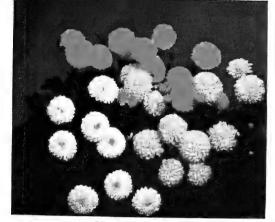


A selection of seven very fine early-blooming, lowgrowing kinds. Ideal for foreground or border edging.

7 Sure-to-Bloom Plants \$3.00 (1 of each pictured)



GOLDEN MOUND. 50c each; 3 for \$1.25



BUTTON POMPONS



MASQUERADE. 75c each; 3 for \$2.00



Ģ

HONEYCOMB. 75c each; 3 for \$2.00



Everyone's favorite. The trim, compact, very double flowers are ideal for arrangements. The blooms, although small, are lavish-ly produced on compact plants which are completely covered with flowers.

One of each pictured here PLUS:

Edna Rowley. New. Fink button pompon with ruby eye. White Masquerade, New. Ex-actly like Masquerade except that the color is clear lavender-white.

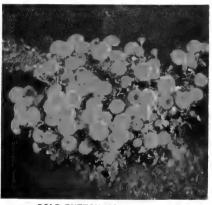
9 Sure-to-Bloom Plants SPECIAL PRICE \$4.50



EARLY CRIMSON. 60c each; 3 for \$1.50



REDGLOW. 60c each; 3 for \$1.50



GOLD BUTTON. 75c each; 3 for \$2.00



JEWELTONE (Pink). 60c each; 3 for \$1.50 JUBILEE (Red). 60c each; 3 for \$1.50





5 for \$1.55; 10 for \$2.90; 25 for \$6.75; 100 for \$25.00

to-bloom plants, but come to you unlabeled as to name. See for how little money you can have a big

Mum garden.

Surprise Collection. It includes every color and type shown in this catalog. All are first-quality, sure-

play in the fall or for cutting bouquets for the house, then you can save money by ordering this special

I had your Surprise Collection last year and I was very pleased with the types and colors. The plants arrived in perfect condition.-M.E.P.

This is now the third time that I have given you an order for the Surgical, *Pex.* lection, and I have never ordered and where by name. The reason for this is that the Surprise Collection offers all the varieties and colors wanted in a small garden. They have never been a disappointment.-H.O.K.

-Mrs. M.

St. James, Minn. me I have sent for Mums this way. Please send me your Surprise Collection. This is the third time I hav this collection and I certainly have received some beautiful Mums.

Last year I had your Surprise Collection of 25 and I was sure pleased with them. They grew and bloomed nicely.-B.E.



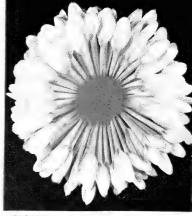
MAGENTA SPOON. 60c each; 3 for \$1.50



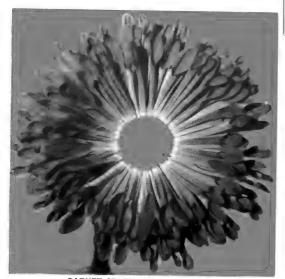
A complete color range in these popular novelties.

7 Sure-to-Bloom Plants

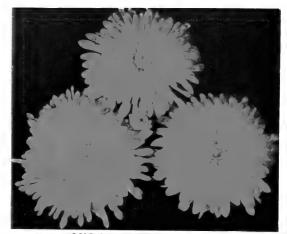
\$3.55 (1 of each pictured)



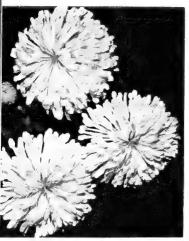
BLUSHWHITE. 60c each; 3 for \$1.50



GARNET SPOON. 60c each; 3 for \$1.50



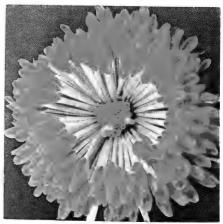
GOLD SPOON. 60c each; 3 for \$1.50



LOVELINESS SPOON. 60c each; 3 for \$1.50



YELLOW SPOON. 60c each; 3 for \$1.50



RUBY SPOON. 75c each; 3 for \$2.00



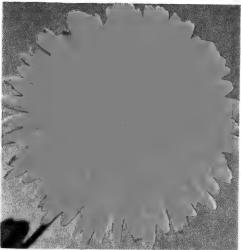
ADMIRATION. 75c each; 3 for \$2.00



EVELYN DEVANEY 75c each; 3 for \$2.00



TRIBUTE. 60c each; 3 for \$1.50

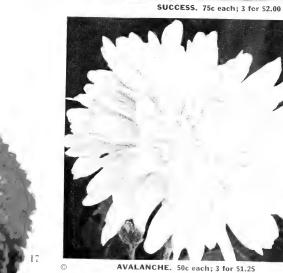


RUTHANN LEHMAN. 60c each; 3 for \$1.50



(1 of each pictured)





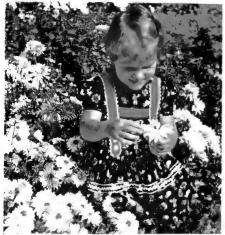
CARNIVAL 75c each; 3 for \$2.00



OLD LAVENDER. 60c each; 3 for \$1.50



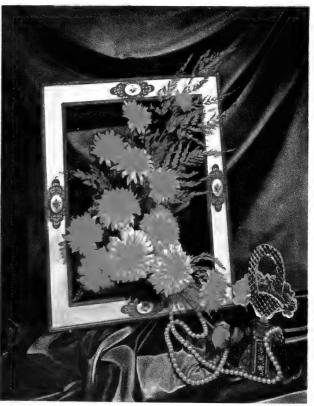
Our granddaughter Julie B. playing "He loves me, he loves me not" with Daisymum.



DAISYMUM. 75c each; 3 for \$2.00



JULIE B. 75c each; 3 for \$2.00



LADY'S CHOICE. 75c each; 3 for \$2.00



ADMIRAL. 75c each; 3 for \$2.00



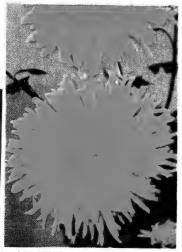
Mums as cut flowers in the house seem to last forever. Plant this collection and pick armfuls of wonderful longstemmed flowers.

7 Sure-to-Bloom Plants

\$3.70 (1 of each pictured)



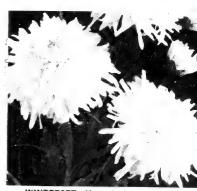
FOOTBALL BRONZE. 60c each; 3 for \$1.50



LEE POWELL. 60c each; 3 for \$1.50



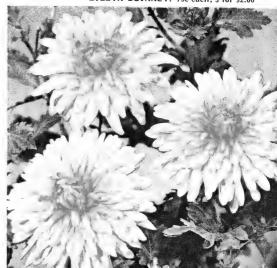
BETTY. 50c each; 3 for \$1.25



WINTERSET. 60c each; 3 for \$1.50

EVELYN DEVANEY. 75c each; 3 for \$2.00



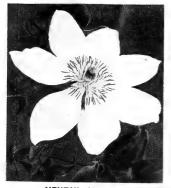




PRESIDENT. \$1.75 each



RAMONA. \$1.75 each



HENRYI. \$1.75 each



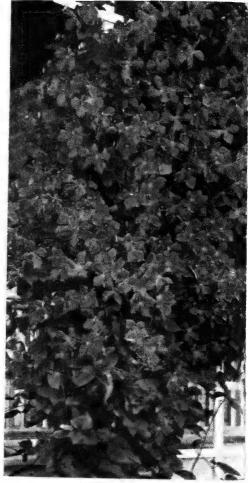
LADY BETTY BALFOUR. \$1.75 each

20

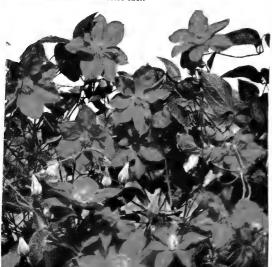


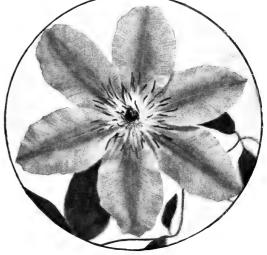
3 Sure-to-Bloom Plants \$4.00

CRIMSON STAR. \$2.00 each



JACKMANI. \$1.50 each





NELLY MOSER. \$2.00 each

CLEMATIS

Since the introduction of the large-flowered hybrid varieties from Europe, the Clematis is rapidly becoming one of the leading vines in America. These new hybrids have spectacular flowers and glorious colors. Most of them are practically everblooming. They can be grown on trellises, arbors or posts, or can be left to ramble over an old stump or rock wall.

We find that an east or south exposure is best. They prefer a rich soil and can take a lot of water, provided the drainage is perfect.

- **COMTESSE DE BOUCHAUD.** In our estimation the closest approach to clear pink of all the hybrid Clematis. The color is a clear satiny rose. Flowers in abundance from July until September. Neat growing habit, up to 7 to 8 feet. \$2.00.
- **CRIMSON STAR.** We think this is the finest of all hybrid red Clematis. Large, clear crimson flowers with pointed petals. Very free flowering, blooming from July to September. The variety we offer is true Crimson Star. \$2.00.
- **DUCHESS OF EDINBURGH.** Double, gardenia-like, creamwhite flowers with a chartreuse overcast. Very unique and desirable. In bloom from mid-July on. \$2.00.
- **ERNEST MARKHAM.** A very strong-growing Clematis in red shades. Petals wide, rounded at the ends, of bright cerise-red. Perhaps the best of all the light reds. July blooming. \$1.75.
- FAIRY QUEEN. The finest white in our collection. Large, widepetaled flowers 7 inches across; pure white with a pearl overcast. In bloom from June to September. Sturdy growth to 10 feet in height. \$1.75.
- **HENRYI.** The giant among white Clematis. Large, paper-white, long-pointed petals and chocolate-brown anthers. In bloom from July to frost. Vigorous growth, 8 to 10 feet. \$1.75.
- **HULDINE.** The translucent blooms are pearly white with a bluish undertone. Strong growing, up to 12 feet. Free flowering from July to October. \$1.75.
- JACKMANI. The most popular Clematis in America. Seen throughout the length and breadth of the land with its masses of four and five-petaled, deep purple flowers in July. Extremely vigorous and hardy. 8 to 10 feet. \$1.50.
- JACKMANI SUPERBA. A new hybrid that is larger and deeper colored than Jackmani. A splendid addition to the deep purple class. Rich velvety deep purple in color, and in bloom most of the summer. Height to 8 feet. \$1.75.
- LADY BETTY BALFOUR. This is the finest deep blue in our collection. Color is a very velvety deep navy-blue with a center of white anthers. Very vigorous and free flowering. Plant Lady Betty Balfour and you plant the best in deep blue Clematis. Height to 12 feet. \$1.75.
- LANUGINOSA CANDIDA. Large flowers of the purest white, abundantly produced from midsummer to frost. Plant vigorous and sturdy, climbing to 10 feet. \$1.75.
- M. KOESTER. An extremely vigorous and free-blooming mauvepink. In bloom from midsummer to frost. Sturdy growth to 10 feet. \$1.75.
- **MME. BARON VEILLARD.** An extremely vigorous and satisfactory pink Clematis. Color is a clear lilac-rose, becoming much deeper in the fall as the days become cooler and shorter. In continuous bloom from June to September. Very sturdy growth from 10 to 12 feet. \$1.50.
- MME. CHOLMONDELEY. An extremely early-flowering variety of wisteria or delphinium-blue. In bloom from June to September, on moderately vigorous plants to 8 feet. \$1.75.
- MME. EDOUARD ANDRE. One of the older red Clematis, with smaller flowers on moderately vigorous plants. \$1.50.
- **NELLY MOSER.** The very earliest of all Clematis to bloom. The first flowers usually appear right after the Darwin tulips bloom and continue most of the summer. Color pale mauve-pink with a red stripe down the center of each petal. Moderate growth to 8 feet. \$2.00.
- PANICULATA. Quantities of small, fragrant, star-shaped white flowers. Very popular and widely grown. 15 to 18 feet. Blooms in September and October. \$1.50.
- **PRESIDENT.** One of the most gorgeous of the deep rich reddish plum-colored varieties. Flowers are large, with extremely pointed petals and brilliant color. Moderate growth up to 7 to 8 feet. June. \$1.75.

There are no insects or diseases that trouble Clematis in the North-They are perfectly hardy and make excellent cut flowers. Planting can be done in the spring. The plants we send out are one year old, pot grown, and should be planted 3 to 4 inches deeper than they were in the pot. This is important, and perhaps the reason for many failures with Clematis is too shallow planting. Our collection now consists of over 50 varieties, and we are herewith listing some of the most spectacular and easy-to-grow kinds.

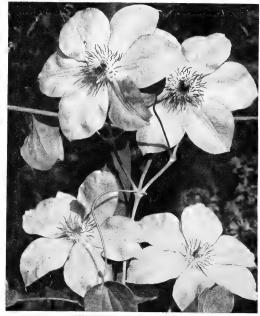
RAMONA. Our favorite of all the medium blue Clematis. Flowers exceptionally large (6 to 8 inches across), with wide, heavytextured petals. Free and dependable bloomer from July until frost. Plant vigorous, climbing to 10 feet. \$1.75.

- **VILLE DE LYON.** Very free-flowering carmine-red with darker stripe in the center of each petal. Blooms from July to September and grows to a height of 8 to 10 feet. \$1.75.
- WILLIAM KENNETH. Very large, deep cool lavender flowers produced in abundance from June to September. \$1.75.

PASSIFLORA (Passion-Vine)

One of our hobbies over the years has been collecting and growing these exotic and interesting vines. If they are planted out in the spring and given rich soil, abundant moisture and a sunny spot, they will provide a succession of bloom all summer long. They are not hardy in the North, so they must be treated as annuals or taken indoors for the winter. They can also be grown in large pots sunk into the ground for the summer. A vine in flower will create much interest among your gardening friends. Our plants are large, oneyear old vines that are sure-to-bloom within a month after planting.

- ALATA CAERULEA. Large, showy, fragrant flowers with lavenderpink petals and purple crown with white corona. The most spectacular Passiflora. Sturdy plants. \$1.50.
- **INCARNATA** (Maypop). Greenish white petals and blue-purple filaments. The easiest to grow and most free flowering. \$1.50.
- MARCEL. A curious hybrid with lilac-pink petals and light blue, crinkled filaments. Extremely fragrant. \$1.50.



HYBRID CLEMATIS

Mum Culture and Care-

We believe our sure-to-bloom plants, grown from virgin cuttings, well established in 21/4-inch pots and sent to you with a ball of good soil about the roots, are the most practical and economical to buy. Our Mother plants are grown as nature intended them to be-given a rest period of two months. This insures much more vigorous offspring than plants grown by many who use the artificial method of keeping the plants growing the year around, which decreases vigor and encourages premature budding. Our plants make big, healthy, blooming specimens by early fall. Our Mum stock is carefully grown and rogued, true to name, and state inspected. We take pride in having Mum plants with clean, healthy foliage clear to the ground. We have hundreds of letters in our files from every state in the country telling us how well our plants have done in all sections.

CULTURE

Mums in the garden should be planted in an open, sunny location and should not be shaded by buildings, large shrubs or trees for and should not be shaded by buildings, large shrubs or trees for more than three or four hours per day. Any fairly rich soil, be it sandy, clay or loam, that will grow other flowers and vegetables well, will also grow good Mums. There is no soil that Mums particularly favor; they will grow equally well in all. They love humus such as peat, leaf mold or barnyard manure. They will not thrive in a hard-baked and cracked soil. Loosen it up with peat so the water will penetrate and not run off when applied.

PLANTING

Spring is by far the best planting season. The proper planting time is when the spring garden work is well under way and the heavy, ice-freezing frosts are past. Planting can begin about the time early tulips begin to bloom and can be continued until peonies are in bloom. Here in Southern Minnesota this would be from about late April until mid-June. Farther south this date would be advanced according to the climate. Young plants always give the best bloom, so we recommend that clumps that have wintered be divided in the spring to individual shoots when they have made 4 or 5 inches of growth. You will be surprised how rapidly these small shoots will grow and how much better bloom they will give you than old crowded clumps.

FERTILIZING

Our Mums are grown in a black loam soil to which peat has been added. Inasmuch as peat is completely deficient in phosphate, we use bonemeal or superphosphate well worked into the soil before planting, at the rate of a small handful per plant.

At planting time it is good practice to give your plants a head start by using one of the water-soluble fertilizers such as Ra-Pid-Gro, Plant Marvel, Hyponex or Instant Vigoro. Dissolve this fertilizer in water according to directions, and then make a saucer-like ring around each plant. Give each one a good soaking of about a gallon of this solution. This process can be repeated at one-month intervals during the summer for maximum growth.

If you prefer to use a dry fertilizer in place of the liquid, one or two applications will be sufficient. Roughly, about a small handful of commercial fertilizer per plant at about one-month intervals is sufficient. The first application can be made in late July or early August. This highly concentrated fertilizer should not be used when the soil is dry, because foliage and root burn will result. Be sure that plenty of moisture is available at time of application.

WATERING

The best way to water Mums is to make a saucer-like depression about the plant, lay the hose on the ground, and let the water run slowly. The following day the soil can be loosened up and leveled again. A thorough watering like this should be sufficient for a week or ten days, even during the hottest and driest weather. Sprinkling the plants from overhead should be discouraged, for that invites foliage diseases.

PINCHING

To have sturdy and well-branched plants it is advisable to pinch the terminal shoots once or twice during the season. This operation is done with the thumb and forefinger and consists of removing about 1/2 inch of the soft growing tip of the main shoots. The first pinching should be done when the plants are about 6 inches tall, to induce lateral branches. When these lateral branches are 8 to 10 inches tall, their tips should be removed to induce more branches. Discontinue pinching by August 1, as the plants will soon be forming buds. The very early-blooming varieties should not be pinched after July 15.

If your Mums are grown in partial shade or in extremely rich soil, they may grow very tall and spindly. To prevent this, one must use harsh treatment. We suggest using the pruning shears and cutting away the top half of the plant. This means that if your plants are 2 feet tall you should cut them back to 1 foot. In the North, this treatment should not be done after July 15 and in the South not later than August 15; otherwise buds will be destroyed. You will be surprised how rapidly the plants will outgrow this cropping and how nicely they will flower. A well-pinched plant will not need staking or other support, since the growth will be strong and sturdy and will stand erect.

SPRAYING

In order to get the best from your Mums we recommend a simple spray or dusting program to keep your plants free from insects and disease. In gardens with a wide variety of plants that naturally harbor insects and diseases, Mums wil need a little attention. Usually the dusts or sprays recommended for roses will control the major Mum troubles. We think three or four dustings or sprayings at two-week intervals are sufficient to produce a good healthy crop of flowers.

The most common insects attacking Mums are aphids, tarnished plant bugs, red spiders and leaf hoppers. The less common ones are foliar nematodes and grasshoppers.

We have been very successful using a combination spray of Mala-thion, D.D.T. and Fermate at two-week intervals during the summer. This combination will control all major insects and leaf spots. We use the following concentrations:

To a gallon of water, we add the following: 1 tablespoonful 25% wettable Malathion, 2 tablespoonfuls 50% wettable D.D.T., 1 tablespoonful Fermate and 1 tablespoonful Dreft to make the solution stick to the foliage.

Foliar nematode is an extremely small insect that lives within the leaf tissue of Mums and causes the foliage to turn brown from the bottom of the plant upward; in severe cases all the foliage will be browned, leaving the naked flowers on the stems. In areas where the foliar nematode is troublesome, we recommend spraying with 15% wettable Parathion at the rate of one tablespoonful to a gallon of water. Although the Parathion is very toxic and somewhat dangerous, it is safe if used according to directions and with caution.

Another method of combating the foliar nematode is by using Sodium Selenate. This material is applied to the soil; the poison is absorbed by the roots and is translocated in the sap stream, making the plant poisonous to the insect. It should be applied to the soil the plant poison us to the insect. It should be applied to the soul at the rate of $1\frac{1}{2}$ pounds to 100 square feet. This is a deadly poison, and no food crops of any kind should be grown on this soil for at least one year. If you are unable to secure Sodium Selenate locally, we can supply it at \$1.00 per pound. It cannot be sent through the mail and must come to you by Express Collect.

If you cannot secure good sprays from your local dealer, we are in a position to supply you with the following:

All Purpose Mum and Rose Spray containing Malathion, D.D.T.

and Fermate or Captan, at the following prices: 8 ozs. \$1.50 (a season's supply for 50 plants)

Lb. \$1.75 (a season's supply for 100 plants)

D.D.T. 50% Wettable. Lb. \$1.25. Fermate. 1/2lb. \$1.25.

Chlordane 45% Emulsion. 1/2pt. \$1.50.

Mum Culture and Care

BLOOMING TIME

It has been definitely proved that Chrysanthemums are sensitive to light and that the length of day determines the blooming time for a given variety. Since Minnesota is quite far north, where naturally the fall days are shorter than farther south, a given variety will normally bloom 20 days earlier here than in Texas. We are located approximately 200 miles north of Chicago, and we know that the same variety will begin blooming for us four or five days sooner than in Chicago. From this we deduct that perhaps two days for every 100 miles of latitude is about the average difference in blooming time.

Temperature is also a very important factor in the blooming time of Mums. For every day that the temperature is above 90 degrees during the bud-formation period (August and September) of garden Chrysanthemums, the blooming time will be retarded about one day. Hence when we have cool weather in fall, the Mums will bloom early and when we have hot weather the Mums will bloom late. Interesting, isn't it?

WINTER PROTECTION

The purpose of winter protection is probably more to keep the cold in the ground than to keep it out. A favorable location, one which does not allow ice and water to stand over the plants, is very necessary. It is the alternate thawing and freezing that does the winter damage to garden Mums. After the tops have been killed by frost, the stems should be cut off 2 to 3 inches above the crown and burned to prevent the spread of foliage disease. We have found that any light, porous material that will remain more or less dry during the winter is ideal for covering. Excelsior, evergreen boughs, marsh hay, and cornstalks are very good if applied after the ground is slightly frozen. Leaves applied and kept dry with a waterproof covering will also make very fine covering.

If your location is such that you have trouble wintering your Mums by covering with marsh hay or other material recommended above, we suggest that you try one or more of the following methods of wintering that have been used successfully by growers in different parts of the country. Remember, it is not the cold that kills the Mums in the winter... it is water that does the damage.

Here, we can winter Mums perfectly by digging the clumps in early November and packing them in coldframes as tightly as sardines, covering the plants with 6 or 8 inches of leaves and then putting a hotbed glass, plastic or some other waterproof material, over them.

We have also found that the light wells around the basement windows of modern homes are an excellent place to carry Mums through the winter. Dig them as for a coldframe, place the clumps in the light wells, cover with leaves, and then in the spring the plants can be divided and replanted.

I have had reports from folks who dig a trench about a foot deep, wrap the clumps in paper and then place them in the bottom of the trench and bury them for the winter. In the spring they dig them up, divide the clumps and replant them.

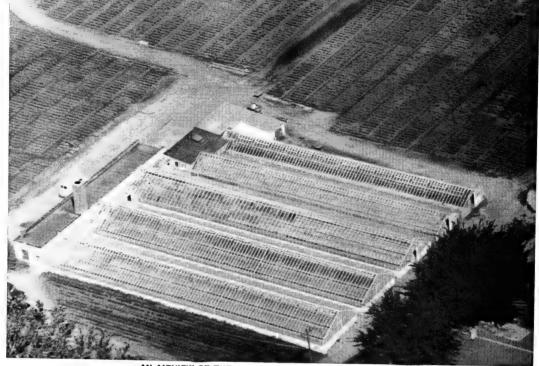
We have had good luck carrying Mums through the winter by digging the clumps in early November and placing them on top of the ground next to the foundation of the house for the winter. It is important to leave a good ball of earth around the roots and to cut the old top off at the ground level. Cover with several inches of leaves or marsh hay. Clumps that have been on top of the ground during the winter came through 100 per cent, whereas the same varieties left in the ground winter-killed.

THE ABC'S OF MUM CULTURE

- A Appleblossom-time is the beginning of Mum planting time.
- B Buy "Better-Grown and Sure-to-Bloom" plants.
- C Close planting will make spindly plants. Give them 18 inches each way.
- D D.D.T. dust or spray will keep bugs off.
- E Early varieties give the most and best bloom in the North.
- F Foliar nematode can be controlled with Parathion.
- G Give your Mums plenty of water during the summer.
- H Hoe around the plants regularly to aerate the soil and keep weeds down.
- Ice over the crowns during the winter is often fatal.
- J --- July 30 should be the date of the last pinch.
- K Kill all major Mum insects with Malathion and D.D.T.
- L Light will determine blooming date.
- M Mums from Minnesota can't be beat.
- N Nicotine Sulfate (Black Leaf 40) will kill aphis.
- 0 Overhead watering is not recommended.
- P Pinching keeps plants sturdy and low.
- Q Quality means Mums from Minnesota.
- R Reap armloads of flowers from a few well-grown plants.
- S --- Shade will make plants grow taller and bloom much later.
- T Transplant and divide old clumps each spring.
- U Use peat to improve your soil.
- V Valuable information can be obtained from our catalog.
- W Winter cover with marsh hay or porous material.
- X X-perts say diseased stock should be burned.
- Y You will enjoy our Kodachrome slides on Mums.
- Z Zig-zag planting is more attractive than a single row of Mums.



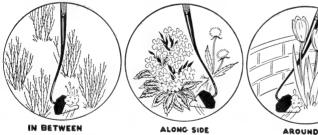
Visitors strolling through our Test Gardens



AN AIRVIEW OF THE HOME OF MUMS FROM MINNESOTA

ALL-PURPOSE HOE THE BEST GARDEN TOOL EVER INVENTED

We have never sold tools but we can't resist offering this one manufactured of the finest materials right here in Faribault. We have used it for years in our own gardens, and it is positively the finest, easiest to use tool we have ever seen. Without stooping and it is positively the finest, easiest to use tool we have ever seen. WITNOUT stooping you get in between, around, alongside your MUM plants. The hoe goes where you want it to go. It is sharp—cuts easily. Pick off one weed or a lot of them. Very light. Something you



ladies will appreciate-your husbands will, too.

PRICE



Only This Hoe Will Do These Tricks—Just Try One WHAT USERS SAY:

De Forest, Wis. De Forest, Wis. Please send me one of your All-Purpose Hoes. I have one and like it very much. It is in great demand in the neighborhood.—Mrs. R.B.

Your All-Purpose Hoe is wonderful. So many neighbors have borrowed it. I am debating whether to tactfully suggest that they send for your catalog and get their own or just buy myself a new one in self defense... and keep it under lock and key.—Mrs. W.E.J.

I ordered one of the hoes from you two years ago. I just can't use any other. I am getting this one for a gift. It is wonderful for flowers and also in the garden.— Mrs. B.G.R.

The All-Purpose Hoe I purchased from you early in the spring is all your ad-vertisement says . . . I love it.—Mrs. A.D.T.

The two hoes I ordered have arrived. I am so pleased with them. We have had this type hoe for many years but this new design really is an improvement over the original one . . . good as it is = LC.

This is a mighty fine hoe. We have two purchased from you and, believe me, they get good care.--G.S.B.

Our Fall Mum Show

"The Mums are blooming" has become a long-awaited and familiar greeting to thousands of Mum-lovers here in Minnesota and throughout the United States. When the days cool down and the leaves begin to turn, thousands of people all over the country take their scheduled trip to Faribault to see the Mums in all their glory. They are never disappointed, for each year many new varieties have been perfected and placed on display. This year "the Mums were blooming" from September 14 to November 2, and 40,000 people joined us in enjoying this feast of flowers which is set up and maintained entirely for your pleasure and at no cost to you.

Here at The Lehman Gardens in Southern Minnesota you can see 100,000 Mum plants in our large, unprotected fields. During the late fall these fields are transformed into ribbons of colors and are a magnificent sight. However, it is not every year that we are favored with a late fall. To beat the elements, we have constructed ten very large beds in which we grow five plants each of over 500 varieties. These beds are protected and maintained through the entire show. Here you can see all varieties blooming side by side and can check heights, blooming dates, etc. Our very first varieties begin to bloom about mid-August. By mid-September a great many of the earlier kinds are in full bloom. Between September 25 and October 10 is usually when the flowers are at their best. We suggest that you come at the time you would want your Mums in full bloom and check the varieties that are in full bloom at that time. Also in these outdoor beds are many of our seedlingsthe Mums of Tomorow--in different stages of selection. Each

We have a set of Kodachrome Slides of Mums that makes an excellent free program for garden clubs, flower societies, study groups or church organizations. We gladly lend them to any reliable group entirely free of charge. This set contains more than 100 35 mm. or 2-inch kodachrome slides, all about Mums. Pictures included are individual flowers, borders, garden and field scenes, and beautiful artistic arrangements—all in full color. A short descriptive text accompanies the slides, which makes the showing time about one hour. The organization using the pictures need only supply the screen and projector.

If your group would like these slides for a future program, write us at least 30 days in advance, specifying the date of your meeting, and, if possible, an alternate date. You will receive a confirmation of your reservation. The slides will be mailed to reach you ahead of your meeting. We ask that you return them promptly, so that the next group may get them on time. Labels and postage for returning them will be supplied by us.

We are sure that your organization would enjoy a program on Mums. For your reservation write to

E. C. LEHMAN, The Lehman Gardens, Faribault, Minn.

variety that is selected from a planting of seedlings is grown and tested for four or five seasons to be sure it is worthy of naming and introduction.

In case of bad weather (and we have it in Minnesota), we maintain a bounteous display of Mums in our five greenhouses. The first two greenhouses are replete with rows of tables running the full length of the buildings. On these are displayed thousands and thousands of beautiful Mum plants in every conceivable color. A sign advising "Don't Miss This!" directs one to the third greenhouse. Here, indeed, is a breathtaking sight! The entire greenhouse has been transformed into an outdoor living room. A graveled path winds its way around a pool with sprays of bubbling water and floating Mum blossoms, past huge beds of Mums of all colors to the cast entrance where tall cornstalks surrounded with pumpkin give a festive autumn air to the scene. Placed at intervals along the garden path are gaily striped canvas-covered love seats where one may relax and enjoy the beauty of the place. Nearly 3000 Mums have been planted on the three levels. The effect is startling, for great care has been exercised in the blending of harmonizing colors. All varieties are labeled, and many folks come each fall to pick out their varieties for the next season.

No matter the day or the weather —any time between September 15 and November 1 is the time to come to see the Mums. The display is maintained entirely for your pleasure, and we hope you, too, can come when "the Mums are blooming."

KODACHROME SLIDES

Here is what people who have seen the slides have told us:

Flat Riter, Mo. Thank you for the use of your Kodachrome slides. Your company should be congratulated upon making such material available. I used the slides for two different groups, and each lady was of the opinion that one could not sit through such a beautiful series of pictures and not receive an inspiration to plant more and better Mums.-Mrs. R.T.

Freeport, Ill. We wish to thank you for the use of your set of Kodachrome slides of Mums which were shown last evening. They are sure wonderful slides and our club members greatly enjoyed them from the many lovely comments that were expressed by them.—E.H.S.

Toronto, Obio. Thank you for the use of your slides. Everyone exclaimed over the beauty of the flowers and we all wish to thank you for making it possible for us to have them to show. We hope we may be able to visit your gardens sometime.— Mrs. W.L.





MUM CHATTER 1959

It is with a grateful heart that I again address you, our many thousands of friends and customers. We are grateful because the first year in our second quarter-century has been the very best year that we have experienced. We thank you for your fine orders and your many expressions of appreciation for our goods and service. Our BETTER-GROWN and SURE-TO-BLOOM Mum plants are finding a wider acceptance each year and the demand is steadily increasing. We try to keep abreast of the new developments in the plant world and hope that our plants will prove better with the passing of each year.

We are this year introducing six very fine, early-blooming, garden Chrysanthemums that we have tested here in Southern Minnesota over a period of five or six years and that have stood the test and performed well. Albaflora is a new white that we think has great garden value. **Candleglow** is a soft cream-white pompon. Because of its strong, erect growth it stands out like a beacon in the garden. **Crystal** is a wonderful cutting white pompon with long stems. **Dandy** is a miniature football Mum in coppery bronze. **Gleam** is a golden yellow pompon that seems to have a sparkle that no other yellow in its season has. **Nobility** is a shade of red found in oriental carpets. I really think that these six will add much to any garden collection.

Some of the new things that we are listing from other sources that were found good here are **Ann Ladygo** from Dr. Kraus, and the first anemone garden Mum that we have listed. **King's Ransom, Artist's Delight** and **Stylish** were all outstandingly good in our trials. We were well impressed with the two varieties named by the University of Minnesota: **Tonka**, a nice large yellow, and **Prairie Moon**, an ivory-white. These are both welcome additions to the early-blooming, high-quality garden Mums. Dr. Kraus had given us two outstandingly good new varieties in **Nina Rehmen**, the brightest ruby-red to date, and **John Milbrath**, an early-blooming incurved bright yellow. The **Pink Spoon Cushion** from the Flemings of Lincoln, Nebr., impressed us with its fine color and exceptionally free-blooming habit.

We had a gorgeous blooming season here in Southern Minnesota last fall. Our open fields were still unhurt by frost and in good bloom after the first of November. We experienced a good growing season, although it was much dryer than usual. The rains just seemed to have come at the right time and made for a gorgeous fall bloom. Our open house brought in the largest crowds we have ever had. This is getting to be quite an annual event. We were glad to see many of our old friends and many familiar and new faces. We regret that during the blooming season with these tremendous crowds we are unable to get around and greet all of you as we would like to.

Just a few notes on some of the outstanding varieties blooming here the past season. Among the whites . . Ermine, Daisymum, Princess Kay and Chris Columbus were the most outstanding. Ruthann Lehman, Hillite and Yellow Muriel were by far the most outstanding we had in yellow bloom. Bronze Giant just stood head and shoulders over anything else in our entire planting. It is one of the finest garden Mums ever developed. John Furst gave some gorgeous long cutting stems later in the season. Minnehaha and Princess, though somewhat alike in color, were fine in the pastel group. Evelyn Devaney continues to be the finest pink we grow. It really is a wonderful Mum. In the dozen years we have grown. It treally is a wonderful Mum. In the dozen years we have grown. It literally bloomed its head off and completely covered itself with those deep layender flowers. Among the new things that we will have to offer in the early 60's will be some extra-fine cushions in very bright red.

We sincerely hope it will be a good garden year for you all.

-E. C. Lehman



We have received numerous reports on our Mums this past fall and will share them with you

Mrs. Alfred Wu of Glen Cove, N. Y., writes: "I think your Mums are the most beautiful! My first experience growing Mums was a bed of your lovely **Patricia** Lehman, and since then my enthusiasm for Mums has grown."

Mrs. Marcus Cassady of Winchester, Ind., agrees: "Was well pleased with your selection **Patricia Lehman** is one of my favorites."

Those who like pink will agree with Mrs. Adam Sedlacek of Riverton, Wyo.: "Our Lehman Mums did fine last year. We especially love the color of **Evelyn Devaney.**" From Mt. Auburn, Jova, Mrs. S. H. Pollack raves: "Martin's Yellow, New Martin's White and Daisymum are all so very beautiful and have done very well. Bronze Giant is just out of this world—I just love it—am crazy about it."

A satisfied customer in Hamden, Conn., is Mrs. George Hindinger, who says: "Your plants always arrive in superb condition and are always strong and vigorous. Adorable was extra special last year."

Mrs. Louis Baker of Onconta, N. Y., sends this report: "I bought 13 Mums from you in the spring and they have been beautiful all fall. My favorites are **Daisymum**, Bronze Giant, Butterscotch, Apache, Adorable, Yellow Avalanche, Chippewa and Bronze Pat."

This compliment comes from Mrs. Cora Foringer of Fostoria, Ohio: "I want to tell you how very nice the Mums are I received from you this year. **Red Torch** is lovely. **Bronze Pat** is a profuse bloomer and especially beautiful."

Mrs. Floyd Nitzscke of Spencer, Iowa, writes: "Last spring I ordered 18 plants from you. They arrived in excellent condition and all bloomed. **Apache** and **Mojave Gold** were our favorites."

Another Mum grower, Mrs. A. L. Davidsaver of Elkader, Iowa, likes these varieties: "Bronze Giant is breath-taking and Adorable is the one that stops veryone to ask its name. Purple Waters and Old Lavender look as if they will be very beautiful. Of course Charles Nye and Orchid Helen are always nice. Lee Powell was one of my most beautiful Mums last year."

From Port Huron, Mich., Martha Richert comments: "The Mum I really enjoyed most last year was **Butterscotch**. I really picked a lot of flowers from one plant."

Letterslike this one from Mrs. Carl Goeb of Cherokee, Jowa, makeour business such a pleasure: "Last year **Bronze Giant, Daisymum, Adorable, Edna Rowley, Muriel Rice** and **Purple Waters** were really sensational. I have been an ardent gardener for 33 years and have kept a record for the past 15 years. My first order to you was eight years ago, and many of those are still in my garden."

A Mum fan at North Attleboro, Mass., Mrs. John Swearingen, writes: "Just a note to tell you of my luck this year with my Mums. First Nye's Favorite, Early Kathleen and Edna Rowley just bloomed their heads of. Nye's Favorite grew till the bloom head was larger than a bushel basket. Gold Daisy was very nice. Edna Rowley really made a hit for me."

Down south in Sarasota, Fla., Mrs. Edward Hymans liked these: "Down here last October **Sunstone** and **Evelyn Devaney** were truly beautiful."

And from Lebanon, Tenn., Mrs. Earl Ellis reports: "The quality of the plants I ordered from you last year was wonderful. I wish every Mum lover could have Bronze Giant and Adorable. I take great pride in telling our garden friends that our Mums come from The Lehman Gardens."

Way up north in Fargo, N. D., Mrs. Byron Williams, another satisfied customer writes: "This will be quite a letter, but it's all your fault for filling my last order so perfectly. I left the decision up to you and my Mums were just right. **Adorable** is still blooming even after repeated frosts."

Lester Sprowls, of Arkansas City, Kans., likes cushions: "Minnpink began blooming for us here in Southern Kansas on September 10 and is still a mass of color (October 12). It has received quite a bit of comment from the neighbors and visitors. We can surely recommend it for this part of the country."

These were the favorites in Mrs. Paul Hofford's garden in Gary, Ind.: "Adorable, Fred Stone, Hilite, Marie Hartman, Mt. Hood, White Sail, Purple Waters and Old Lavender made a hit with our visitors. We had some 200 the day of the Num tour."

Francis J. Stengel from Reading, Penna., sends these nice words: "Adorable is just what its name implies. It is a real beauty and a great favorite with my wife. Butterscotch is a large, beautiful bloom and a marvelous plant all around. Chippewa was also beautiful."

A repeat customer is Mrs. R. E. Hillman, of Hinsdale, Mont., who liked these last fall: "The Mum Apache was simply lovely and I am surely going to order more of it next spring. John Furst turned out to be just gorgeous and also Daisymum."

Like so many of us, Mrs. Raymond Gossens of Manderson, Wyo., likes them all: "I thought i would tell you which were my favorites but I find it hard to decide. Bronze Giant has perhaps received most attention because of its size—5 linches across. I like Apache because it stays so long without fading on the plant or as a for the set of the got in a collection. They started blooming in August and are still full of blooms. I had not expected them to be so lovely."

HOW TO ORDER

We appreciate all orders. No order too large and none too small. Remittance may be made by registered mail for cash. Stamps, postal or express money order, and personal check also accepted. When sending check, kindly add 5c for exchange fee.

A 15% SAVING

We prepay the transportation charges on all orders of \$3,00 or more. On smaller orders, kindly add 15% for postage. When you order from us you know exactly what your plants will cost you delivered to your door.

ANOTHER SAVING

Minnesota has no sales tax law. Do not include your state sales tax when remitting to us.

SPECIAL DELIVERY

If you want quick delivery of your plants, we are equipped to give you this service at the following rates:

1 to 4 plants 45c 5 to 24 plants 55c over 25 plants 70c

Just add the amount to your remittance and we will prepay postage and send Special Delivery. An extra plant will be enclosed with each Special Delivery order,

MUMS AS CHRISTMAS GIFTS

CHRIDIMAS GIFIS Solve your Christmas shopping problems by giving "MUMS FROM MINNESOTA" to friends and relatives. It's simplel Avoid the crowdsl Just make your selection from this eatalog at home and mail it to us. That's all you have to do. We will send your friends a gift card at Christmas-time giving the names of the plants you have chosen to be sent at spring-planting time. The Mums will be sent out postpaid in the spring, all ready to start growing in their gardens. Your friends will truly appreciate your thoughtfulness in choosing "MUMS FROM MINNE-SOTA" for their Christmas gift.

FREE PLANTS

In the past we have always received much pleasure from including additional plants of some of the better yarieties as gift or gratis plants. We hope to continue this custom. The number of gift plants will be determined by the size of the order. Whenever we order plants from a nursery, we are always thrilled to receive something we didn't expect. We hope our choices will please you. The Golden Rule will be applied here.

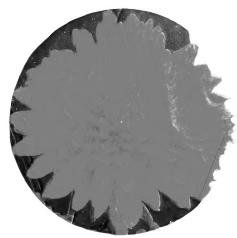
SUBSTITUTIONS

This year we are growing nearly a million sure-to-bloom Mums. We know this will not be enough to supply all our customers. If we cannot supply the variety ordered, may we substitute a variety of equal or greater value of a similar color and season of bloom?





YELLOW AVALANCHE. 50c each; 3 for \$1.25



AUTUMN BEAUTY. 50c each; 3 for \$1.25



CHIPPEWA. 50c each; 3 for \$1.25

7 SUMMER BLOOMING MUMS

A selection of good early-flowering Mums that always beat the early fall frosts. Very dependable varieties.

7 Sure-to-Bloom Plants

\$3.30 (1 of each pictured)



ADORABLE. 75c each; 3 for \$2.00

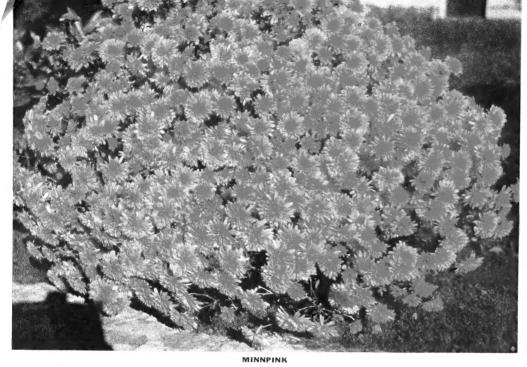




VULCAN. 60c each; 3 for \$1.50

EARLY GOLD 50c each; 3 for \$1.25

WENONAH. 60c each; 3 for \$1.50



1959 MUM OF THE YEAR

75c each;

3 for \$2.00 A single plant of e sensational new

the sensational new cushion Mum developed by the University of Minnesota.





A Spectacular Planting of Cushion Mums